

Converting Colors

XYZ(33.8718, 30.2613, 42.6049)

Have a look what the booklet for
XYZ(33.8718, 30.2613, 42.6049)
contains.

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Color

**XYZ(33.8169, 30.2897,
42.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8BAB
RGB	173, 139, 171
RGB Percent	68%, 55%, 67%
CMY	0.3216, 0.4549, 0.3294
CMYK	0.00, 0.20, 0.01, 0.32
HSL	304°, 17%, 61%
HSV	304°, 20%, 68%
XYZ	33.8169, 30.2897, 42.5922
YIQ	152.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

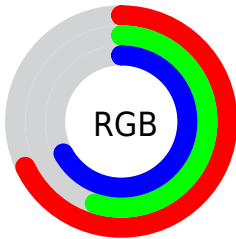
Format	Color
R _{YB}	173, 139, 171
Decimal	11373483
CIE _{Lab}	61.90, 18.51, -11.95
CIE _{LCh}	62, 22.032, 327.143
Yxy	30.2897, 0.3169, 0.2839
Android (android.graphics.Color)	4289563563 (0xFFAD8BAB)
YUV	152.8140, 8.9657, 17.7031
Hunter-Lab	55.0361, 13.3661, -7.3590

Details

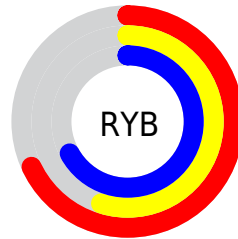
The XYZ color **33.8169, 30.2897, 42.5922** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.4000, 37.3002, 30.7984**, and the grayscale version is **30.1574, 31.7279, 34.5517**.

A 20% lighter version of the original color is **65.1105, 60.2889, 80.1567**, and **14.6479, 12.4697, 19.0876** is the 20% darker color. If you saturate the color by 10%, you get **31.4112, 25.6324, 41.3137**, and if you desaturate by 10%, it is **36.6216, 35.7427, 44.0081**.

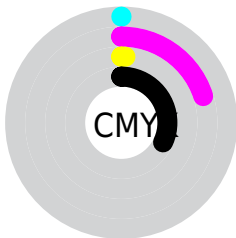
Distribution



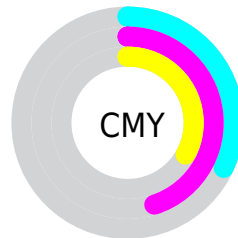
- Red (68%)
- Green (55%)
- Blue (67%)



- Red (68%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8169, 30.2897, 42.5922 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 33.8169, 30.2897, 42.5922 by changing the saturation by 10% instead.


 33.8169, 30.2897,
42.5922


 33.8169, 30.2897,
42.5922

310.9151,
303.2525, 372.8038


 22.9152, 20.0586,
29.2363


 64.9950, 60.1200,
80.3749

 14.6512, 12.4376,
19.0125


 86.0021, 80.4880,
105.6386

 8.6597, 7.0425,
11.5024


 111.1084,
105.0038, 135.7088

 4.5752, 3.4887,
6.2874

140.6793,
134.0516, 171.0038

 2.0324, 1.3919,
2.9490

175.0800,
168.0161, 211.9423

 0.6521, 0.2107,
1.0687

214.6760,

 0.0000, 0.0000,

207.2814, 258.9428

0.0000

259.8326,
252.2321, 312.4238

■ 33.8169, 30.2897,
42.5922

■ 33.8169, 30.2897,
42.5922

■ 31.4112, 25.6324,
41.3137

■ 36.6216, 35.7427,
44.0081

■ 29.3830, 21.7297,
40.1644

■ 39.8399, 42.0223,
45.5652

■ 27.7134, 18.5427,
39.1383

■ 43.4891, 49.1623,
47.2696

■ 26.3802, 16.0275,
38.2279

■ 47.5846, 57.1938,
49.1265

■ 25.3592, 14.1354,
37.4253

■ 52.1411, 66.1462,
51.1408

■ 24.6227, 12.8111,
36.7212

■ 57.1727, 76.0473,
53.3172

■ 24.1382, 11.9897,
36.1047

■ 61.0425, 83.6238,
55.1100

■ 23.8385, 11.5367,
35.5535

■ 61.1452, 83.6649,
55.6510

■ 23.8287, 11.5223,
35.5346

■ 61.2487, 83.7063,
56.1959

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.4529, 30.2897, 49.6328



33.8169, 30.2897, 42.5922



34.8282, 30.2897, 33.7958

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.8169, 30.2897, 42.5922



29.0728, 30.2897, 19.2817



24.0354, 30.2897, 40.9523

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.8169, 30.2897, 42.5922



30.4000, 37.3002, 30.7984

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.4925, 30.2897, 32.1781



33.8169, 30.2897, 42.5922



26.2808, 30.2897, 20.5439

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.8169, 30.2897, 42.5922



31.9747, 30.2897, 21.1395



24.2867, 30.2897, 24.9356



25.8231, 30.2897, 48.5781

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.8169, 30.2897, 42.5922



34.5511, 30.2897, 28.4242



24.2867, 30.2897, 24.9356



23.7068, 30.2897, 37.9991

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.8178, 30.2910, 42.5929



67.5444, 67.8286, 79.7747



27.7103, 27.1203, 43.3101



14.6028, 14.5923, 17.2998



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.8178, 30.2910, 42.5929



58.4235, 50.0979, 75.1586



32.3250, 29.6939, 34.7320



8.3164, 8.1398, 9.9771



17.5129, 8.4677, 26.1442



0.4932, 0.2380, 0.7589

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.8178, 30.2910, 42.5929



58.4235, 50.0979, 75.1586



31.7379, 37.8353, 37.8438



8.3164, 8.1398, 9.9771



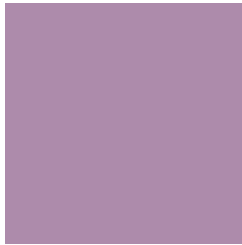
17.5129, 8.4677, 26.1442



0.4932, 0.2380, 0.7589

Previews

White Background



This preview shows how the XYZ color 33.8169, 30.2897, 42.5922 looks on a white background.

Color Contrast Check

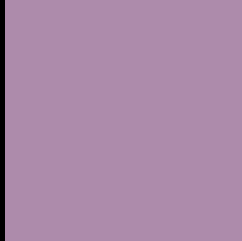
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.8169, 30.2897, 42.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

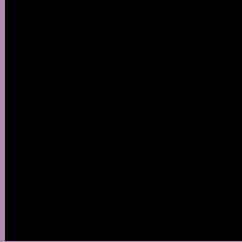
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.8169, 30.2897, 42.5922

Background



This preview shows how black text looks on a background with the XYZ color 33.8169, 30.2897, 42.5922.



This preview shows how white text looks on a background with the XYZ color 33.8169, 30.2897,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.8169, 30.2897, 42.5922

Protanopia

30.0273, 30.2834, 45.8576

Deuteranopia

31.0522, 30.4286, 42.2669



Tritanopia

32.2174, 30.3038, 34.2882

Trichromacy



Original Color

33.8169, 30.2897, 42.5922

Protanomaly

31.3808, 30.3145, 44.7548

Deuteranomaly

31.9785, 30.2286, 42.1795

Tritanomaly

32.8833, 30.3585, 37.3843

Monochromacy



Original Color

33.8169, 30.2897, 42.5922

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.4323, 31.1915, 37.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8169, 30.2897, 42.5922 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 139, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 139, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.8169, 30.2897, 42.5922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 139, 171) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 139, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(173, 139, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8169, 30.2897, 42.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
139, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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